


<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>5</sup> E04C 2/06, 2/36  According to International Patent Classification (IPC) or to both national classification and IPC												
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) IPC E04C 2/06, 2/36  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU : IPC as above  Electronic data base consulted during the international search (name of data base, and where practicable, search terms used) JAPIO DERWENT												
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.										
X	GB,A, 2077802 (KOOR METALS LTD) 23 December 1981 (23.12.81) Figure 1	1-3										
X	GB,B, 1600653 (SA RTORIO) 21 October 1981 (21.10.81) Figures 2,6	1-3										
X	GB,B, 1360430 (BLUM) 17 July 1974 (17.07.74) Figure 1	1-3										
X	DE,A, 2422091 (PACENTI) 21 November 1974 (21.11.74) Figure 6	1-3,8,9										
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.         </div> <div style="text-align: left;"> <input checked="" type="checkbox"/> See patent family annex.         </div> </div>												
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">           * Special categories of cited documents :             "A" document defining the general state of the art which is not considered to be of particular relevance            "E" earlier document but published on or after the international filing date            "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)            "O" document referring to an oral disclosure, use, exhibition or other means            "P" document published prior to the international filing date but later than the priority date claimed         </td> <td style="width: 50%; vertical-align: top;"> <table style="border: none;"> <tr> <td style="width: 20%; text-align: right;">"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td style="text-align: right;">"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td style="text-align: right;">"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td style="text-align: right;">"&amp;"</td> <td>document member of the same patent family</td> </tr> </table> </td> </tr> </table>			* Special categories of cited documents :  "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	<table style="border: none;"> <tr> <td style="width: 20%; text-align: right;">"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td style="text-align: right;">"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td style="text-align: right;">"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td style="text-align: right;">"&amp;"</td> <td>document member of the same patent family</td> </tr> </table>	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"&"	document member of the same patent family
* Special categories of cited documents :  "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	<table style="border: none;"> <tr> <td style="width: 20%; text-align: right;">"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td style="text-align: right;">"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td style="text-align: right;">"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td style="text-align: right;">"&amp;"</td> <td>document member of the same patent family</td> </tr> </table>	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"&"	document member of the same patent family			
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"&"	document member of the same patent family											
Date of the actual completion of the international search 26 March 1993 (26.03.93)		Date of mailing of the international search report 5 APR 1993 (5.4.93)										
Name and mailing address of the ISA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200 WODEN ACT 2606 AUSTRALIA  Facsimile No. 06 2853929		Authorized officer  <div style="text-align: center; margin-top: 20px;">   <b>D. LUM</b> </div> Telephone No. (06) 2832544										

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate of the relevant passages	Relevant to Claim No.
A	US,A, 3905171 (CARGILL et al) 16 September 1975 (16.09.75) Figure 1	
A	US,A, 2839812 (BERLINER) 24 June 1958 (24.06.58) Figure 6	
A	US,A, 2667060 (CAMPBELL) 26 January 1954 (26.01.54) Figure 6	

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
GB	2077802	CH	650829	DE	3114617	HK	306/87
		IL	59817	KE	3681	US	4433522
		ZA	8102405				
GB	1600653	CH	628946	DE	2803629	ES	466984
		FR	2378910	IT	1061821	US	4261150
GB	1360430	CH	536407	FR	2111811	LU	64130
		NL	7114325	BE	774295		
AU	29421/71			NIL			
DE	2422091	AU	68673/74	CA	1004021	DE	2462243
		DE	2462244	DE	2462245	US	3872636
		ZA	7402903				
END OF ANNEX							